SECURE MEMORY AND PROCESSING SYSTEM HAVING LASER-SCRIBED ENCRYPTION KEY

Abstract of the Disclosure

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A secure memory and processing system is disclosed
for use in various types of communication devices. The
secure processing system provides for the encryption
and storage of sensitive data in a storage medium
10 external to the secure processing system. The
encrypted data is decrypted with encryption logic
circuitry within the secure memory and transferred to a
zeroizable memory for use by a host processor. The
secure memory uses a laser-scribed encryption key
15 coupled to encryption logic circuitry within the secure
memory for encrypting and decrypting the sensitive
information.